**Dry Beans Classifier – NN – Task 2**

**Team\_ID: 11**

**Team Members**

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| --- | --- | --- |
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**Multilayer Perceptron**

**Combination#1**

* **Inputs:**

**Learning rate: 0.01.**

**Number of epochs: 1000.**

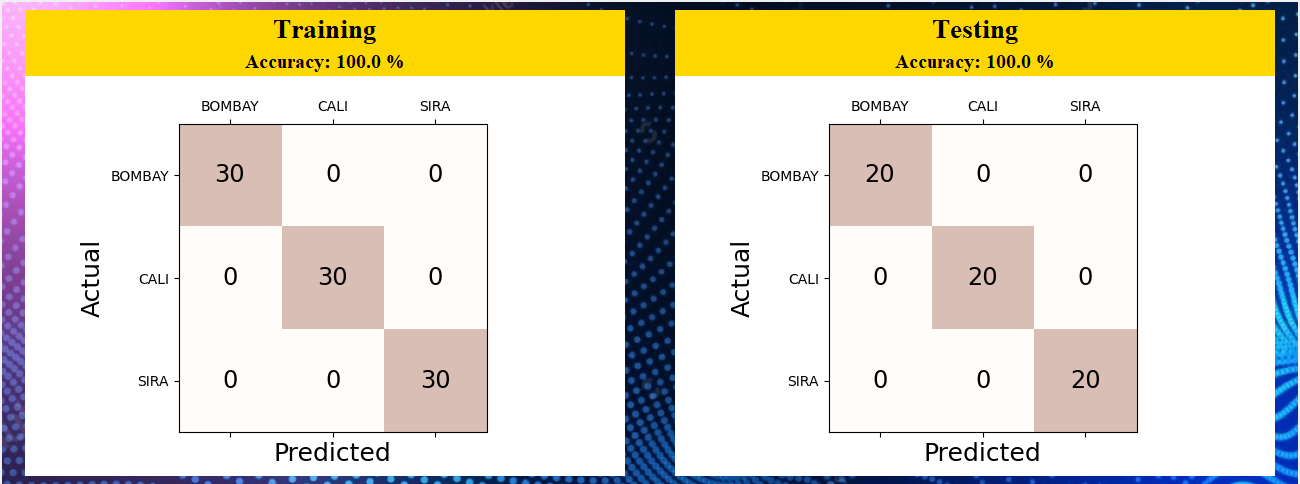
**Hidden Layers: 1.**

**Neurons in each layer: 300.**

**Use Bias ?: No.**

**Activation Function: Sigmoid.**

* **Train Accuracy : 100 %.**
* **Test Accuracy: 100 %.**
* **Screen shot:**

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**Combination#2**

* **Inputs:**

**Learning rate: 0.0001.**

**Number of epochs: 5000.**

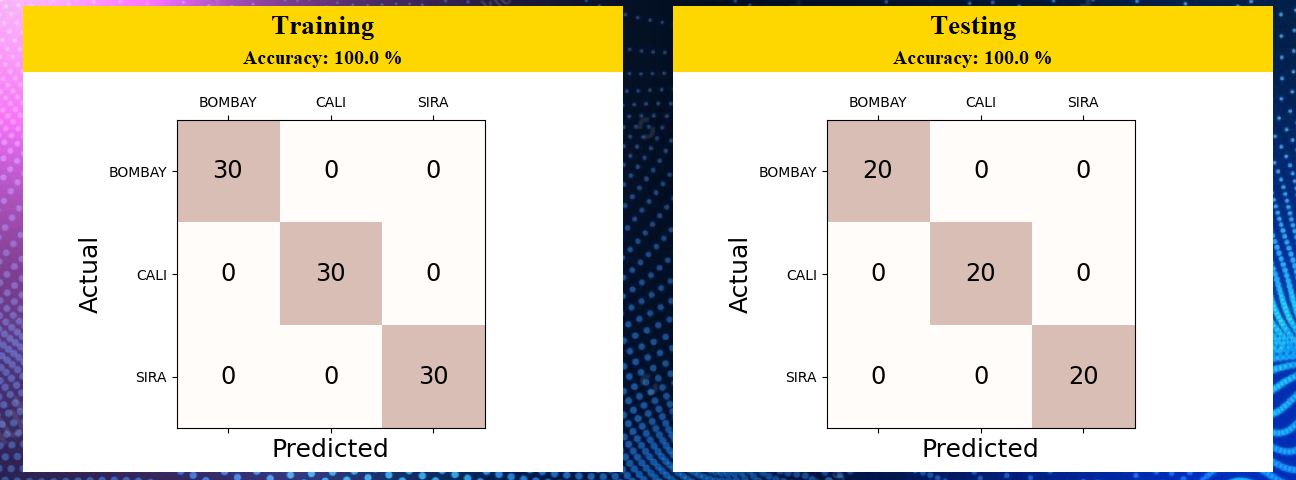
**Hidden Layers: 3.**

**Neurons in each layer: 64 , 32 , 16.**

**Use Bias ?: Yes.**

**Activation Function: Tanh.**

* **Train Accuracy : 100 %.**
* **Test Accuracy: 100 %.**
* **Screen shot:**

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